

Mbsm.pro, Compressor, SAMSUNG,
MKV190GL2J, Blcdc, Inverter, from 93
to 210 w, lbp, r134a, from 560 btu/h
to 1167 btu/h

Category: compressor

written by Lilianne | 1 November 2024



R 134a LBP

RATED VOLTAGE	MODEL	VOLTAGE	RUNNING RPM	ASHRAE							COOLING TYPE	
				COOLING CAPACITY			POWER INPUT	EFFICIENCY				
				Kcal/Hr	Watt	BTU/Hr		W	EFF	COP		EER
		[V-Hz]										
AC 115V-60Hz	MKV172C-L2J	115-60	1800	110	128	437	72	1.53	1.78	6.07	FC	
			2200	135	157	536	90	1.50	1.74	5.96		
			2880	176	205	699	120	1.47	1.71	5.82		
			3480	212	247	842	151	1.40	1.63	5.57		
			3600	223	259	885	160	1.39	1.62	5.53		
	MKV190C-L2B	115-60	1800	146	170	580	89	1.64	1.91	6.51	FC	
			2200	174	202	691	107	1.63	1.89	6.46		
			2880	227	264	901	145	1.57	1.82	6.22		
			3480	274	319	1088	186	1.47	1.71	5.85		
			3600	294	342	1167	200	1.47	1.71	5.84		
	MKV190C-L2J	115-60	1800	146	170	580	93	1.57	1.83	6.23	FC	
			2200	174	202	691	113	1.54	1.79	6.11		
2880			227	264	901	152	1.49	1.74	5.93			
3480			274	319	1088	195	1.41	1.63	5.58			
3600			294	342	1167	210	1.40	1.63	5.56			
AC 220-240V-50Hz, 220V-60Hz	MKV172G-L2J	220-50/60	1800	110	128	437	72	1.53	1.78	6.07	FC	
			2200	135	157	536	90	1.50	1.74	5.96		
			2880	176	205	699	120	1.47	1.71	5.82		
			3480	212	247	842	151	1.40	1.63	5.57		
			3600	223	259	885	160	1.39	1.62	5.53		
	MKV190G-L2B	220-50/60	1800	146	170	580	89	1.64	1.91	6.51	FC	
			2200	174	202	691	107	1.63	1.89	6.46		
			2880	227	264	901	145	1.57	1.82	6.22		
			3480	274	319	1088	186	1.47	1.71	5.85		
			3600	294	342	1167	200	1.47	1.71	5.84		
	MKV190G-L2J	220-50/60	1800	146	170	580	93	1.57	1.83	6.23	FC	
			2200	174	202	691	113	1.54	1.79	6.11		
2880			227	264	901	152	1.49	1.74	5.93			
3480			274	319	1088	195	1.41	1.63	5.58			
3600			294	342	1167	210	1.40	1.63	5.56			
AC 200-240V-50Hz, 220V-60Hz	MSV162A-L1J	220-60	1400	80	93	318	56	1.43	1.66	5.67	ST	
			2000	105	122	417	70	1.50	1.74	5.96		
			3000	155	180	615	105	1.48	1.72	5.86		
			4000	210	244	834	143	1.47	1.71	5.83		
	MSV162A-L1B	220-60	1200	60	70	238	43	1.40	1.62	5.54	ST	
			2000	105	122	417	68	1.54	1.80	6.13		
			3000	155	180	615	103	1.50	1.75	5.97		
			4300	225	262	893	160	1.41	1.64	5.58		
	MSV172A-L1B	220-60	1200	67	78	266	50	1.34	1.56	5.32	ST	
			2000	123	143	488	79	1.56	1.81	6.18		
			3000	192	223	762	125	1.54	1.79	6.10		
			4300	256	298	1016	188	1.36	1.58	5.41		

COOLING TYPE
 FC : Fan cooling
 OC : Oil cooling
 ST : Static

ASHRAE CONDITIONS (LBP)
 Evaporating Temp. : -23.3°C (-10°F)
 Condensing Temp. : 54.4°C (130°F)
 Gas Superheated to : 32.2°C (90°F)
 Liquid sub-cooled to : 32.2°C (90°F)
 Ambient Temp. : 32.2°C (90°F)

UNIT CONVERSION
 1 watt = 3.41 Btu/Hr
 1 watt = 0.86 Kcal/Hr
 1 Kcal/Hr = 3.97 Btu/Hr



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